



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Print

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Past Days	Total	Supplier Name
PO040841	ACI001-VC	6	1	Net 30	MT-BRONZE- C63000- R2.500	Bronze C63000 Round Bar 2.500" MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463				2	8/31/2018	2		S110450	Stock	9/17/2018	\$ 284.48 / ft	0	\$568.96	Acier Ouellette Inc.
Total:										2		2								\$436.96

Plex 9/17/2018 8:10 AM dart.Tollis.Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040841

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO040841
PO Date: 8/24/18
Due Date: 8/31/18
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments: quote no. SOU0127397

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4		M304B0.625X3.000		304 Bar .625 X 3.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	6 ft	0 ft 12.917 ft	6 ft	\$45.155/ft	\$270.93 At 18/09/18
6		MT-BRONZE- C63000-R2.500		Bronze C63000 Round Bar 2.500" : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed	-	8/31/18	2 ft	0 ft 2 ft	2 ft	\$284.475/ft	\$568.95 At 18/09/17
8		MT-4140-R4.500		AISI 4140 Round Bar 4.500 Dia. : MATERIAL: AISI 4140 ROUND BAR MINIMUM ROCKWELL C = 20 Rc MAXIMUM ROCKWELL C = 38 Rc SPECIFICATION: ASTM A29, AMS 6349, AMS 6382,	Firmed	-	8/31/18	3 ft	0 ft 3 ft	3 ft	\$94.4666/ft	\$283.40 At 18/09/18



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

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PURCHASE ORDER PO040841

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
				AMS 6529								
9 AT		M304S16GA		304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	-	8/31/18	160 sf ✓ 160sf	0 sf	160 sf	\$7.71619/sf	\$1,234.59
Grand Total:												\$2,357.87

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/28/18 4:04 PM dart.baker.diane



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040841

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO040841

PO Date: 8/24/18

Due Date: 8/31/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments: quote no. SOU0127397,SOU0129169

REVISED

E-MAILED
AUG 29 2018

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4		M304B0.625X3.000		304 Bar .625 X 3.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	12 ft	0 ft	12 ft	\$37.960833/ft	\$455.53
6		MT-BRONZE- C63000-R2.500		Bronze C63000 Round Bar 2.500" : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed	-	8/31/18	2 ft / 2ft	0 ft	2 ft	\$284.475/ft	\$568.95 At 18/09/17

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8		MT-4140-R4.500		AISI 4140 Round Bar 4.500 Dia. : MATERIAL: AISI 4140 ROUND BAR MINIMUM ROCKWELL C = 20 Rc MAXIMUM ROCKWELL C = 38 Rc SPECIFICATION: ASTM A29, AMS 6349, AMS 6382, AMS 6529	Firmed -		8/31/18	3 ft	0 ft	3 ft	\$94.4666/ft	\$283.40
											Grand Total: \$1,307.88	

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/29/18 1:40 PM dart.lavoie.chantal



ACIER OUELLETTE INC.
935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

Copy

CO00106436

Billed to DART AEROSPACE LTD	Shipped to
Instruction F-M	Customer N� CLI0001056
	Date 2018/08/24
	Delivery date 2018/09/14
	Your order N� PO040841
	Processed by Bonnie Fraser
	Salesman BONNIE FRASER
	Carrier OUELLETTE VALLEYFIELD
	Credit Terme Net 30 Days

Att : CHANTAL LAVOIE T l.: 613-632-5200
Delivery Route 5

Product Description	Weight	Qty	UM	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 ROUND BRONZE/ALU 2 1/2 C630 NS RBRA-212630 11867 1 X 2' AC19134-THY-2018/09/12 HEAT : 74487	33.30	2.00	PI		NA					

Conditions : All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 33.30 **NIR :** R-109516-6

Prepared By : CL	Verified By : [Signature]	Delivered By : [Signature]	Time	Date Y M D
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Customer's Signature

106436
ISO 9001 2015
AS 9100 Rev. D

Dart
Lba
19134N
(2)
lebronze alloys | UK bolton

LEBRONZE ALLOYS UK LTD

TEST CERTIFICATE

EN 10204:2004 3.1

lebronze alloys | UK bolton

	TEST CERTIFICATE No	L36889 Rev : 0
	SERIAL / BATCH / LOT No	L36889
	CUSTOMER ORDER No	5400374044-R05
	WORKS ORDER No	S43581

SPECIFICATIONS

ASTM B150-12(2017) C63000 HR50 (HIGH STRENGTH)
QQ-C-465B AMD1 C63000 HIGH STRENGTH
AMS 4640B 2011

DESCRIPTION

CA18 2.5IN Round 144IN Machined Rod (MR)
Nickel Aluminium Bronze

WEIGHT ORDERED (Kg)	907
WEIGHT DESPATCHED (Kg)	802

MECHANICAL / PHYSICAL PROPERTIES

Tensile Specification	Heat No	Dia d	Area So	0.5% Yield Strength E.U.L	U.T.S. Rm	Elongation 4D	Hardness
ASTM E8 16a →		mm	mm ²	Ksi	Ksi	%	HBW10/3000
	H2815	12.53	123.31	64.1	111.1	24.9	223
		12.51	122.91	64.5	112.0	25.1	223
	T4487	12.50	122.72	62.1	112.3	16.0	217
		12.46	121.93	61.1	112.0	16.4	217
	Min Max			55.0 n/a	105.0 n/a	10 n/a	187 241

CHEMICAL COMPOSITION

Heat No	Zn	Fe	Mn	Al	Ni	Sn	Pb	Si	Cu+Ag	Ni+Co	Weight (Kg)
H2815	0.08	3.74	0.32	9.84	4.71	0.02	<0.01	0.05	BAL	4.71	264
T4487	0.04	3.75	0.29	9.89	4.84	0.01	<0.01	0.05	BAL	4.85	538
Min	-	2.00	-	9.00	4.00	-	-	-	-	4.00	
Max	0.30	4.00	1.50	11.00	5.50	0.20	0.50	0.25	BAL	5.50	

REMARKS

Residual stress test satisfactory
Extruded Drawn and stress relieved
Country of Melt and Manufacture is UK
No Weld Repairs
Part # CURD00449

We certify that material is free from mercury contamination

Signed for on behalf of
LEBRONZE ALLOYS UK LTD




Inspection Manager : S.Sutton

Signed : 22 Mar 2018

Printed : 26 Mar 2018

Lebronze Alloys UK Ltd

New Way, Hadleigh Road, Ipswich, SUFFOLK, IP2 0BD
Tel: 01473 252 127 Fax: n/a
Email: sales@boltonmetals.com
Company Reg. No.: 1650805

LEBRONZE ALLOYS UK LTD
CERT OF CONFORMITY
AND/OR APPROVED CERTIFICATE

lebronze alloys | UK bolton

CUSTOMER

TEST CERTIFICATE No	L36889 Rev : 0
SERIAL / BATCH / LOT No	L36889
CUSTOMER ORDER No	5400374044-R05
WORKS ORDER No	543581
CERT OF CONFORMITY	L36889

SPECIFICATIONS

ASTM B150-12(2017) C63000 HR50 (HIGH STRENGTH)
 QQ-C-465B AMD1 C63000 HIGH STRENGTH
 AMS 4640H 2011

DESCRIPTION

CA18 2.5IN Round 144IN Machined Rod (MR)
 Nickel Aluminium Bronze

WEIGHT ORDERED (Kg)	907
WEIGHT DESPATCHED (Kg)	802

REMARKS / CONDITION OF MATERIAL :

DEVIATIONS, e.g. Major Concessions or Production Permit :

The products to which this declaration relates conform to the conditions and requirements of the purchaser and to the description, quantity and specification stated. These products have been produced under a certified quality system. The test results have been determined by an assessed or accredited laboratory

ISO 9001 2015, AS 9100 Rev.D

Signed for on behalf of
 LEBRONZE ALLOYS UK LTD



Inspection Manager : S.Sutton

Signed : 22 Mar 2018

Printed : 26 Mar 2018

Date

9/4/18

Customer Acier Ouellette

These Tests Are For Material Shipped On

Your Order AL00019134

From Copper And Brass Sales, Inc.

INV/WO 1403770250

WGT 31.732 #

PCS 1pc5

[Signature] QC

Lebronze Alloys UK Ltd

New Way, Hadleigh Road, Ipswich, SUFFOLK, IP2 0BD
 Tel: 01473 252 127 Fax: n/a
 Email: sales@boltonmetals.com
 Company Reg. No.: 1650805

DO NOT SIGN OR WRITE ON THE EXPOSURE CARD. IF YOU SIGN OR WRITE ON THE EXPOSURE CARD, IT WILL BE DESTROYED. IF YOU SIGN OR WRITE ON THE EXPOSURE CARD, IT WILL BE DESTROYED. IF YOU SIGN OR WRITE ON THE EXPOSURE CARD, IT WILL BE DESTROYED.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-BRONZE-63000-R2.500

PO / BATCH NO.: P0010841 / S110450

DATE: 18/09/17

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 2.500"

QUANTITY RECEIVED: 24

THICKNESS RECEIVED: 2.500"

QUANTITY INSPECTED: 24

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	AMS 4640
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	LT: 74487
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/09/17</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in